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Use of solutions of atelocollagen and of glycosaminoglycans for the manufacture of microcapsules, microcapsules thus produced, processes for the manufacture of such microcapsules and cosmetic or pharmaceutical or alimentary compositions containing them

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Abstract of FR2642329

Microcapsules with a mixed wall of atelocollagen and crosslinked glycosaminoglycans and processes for the manufacture thereof. According to the invention the microcapsules are characterised in that they comprise a mixed wall of atelocollagen and of crosslinked glycosaminoglycans; the proportion of the glycosaminoglycans in relation to the atelocollagen is preferably between 18 and 50 % by weight. These microcapsules may be manufactured either by a process using an interfacial crosslinking or else by an extrusion with laminar flow which is broken up by vibrations into individual droplets falling into a bath for crosslinking. These microcapsules are biocompatible by virtue of the presence of atelocollagen which exhibits most of the advantageous properties of collagen, namely a very low antigenicity and a perfect biodegradability. They are therefore particularly suited for the manufacture of cosmetic, pharmaceutical or alimentary compositions.

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